```
Set     Items    Description
S1       3642    (GENERAT? OR LAUNCH? OR CREAT? OR AUTHOR? OR WRITE? OR WRI-
                 TING)(2W)(SEARCHENGINE? OR DATASEARCH? OR (SEARCH? OR QUERY OR
                 SEEK?)(N)(CODE? OR ENGINE? OR SOFTWARE? OR MODULE? OR APP OR
                 APPLICATION?))
S2      74305    (SYSTEM? OR NETWORK? OR INDIVIDUAL? OR WORKSTATION? OR WOR-
                 K()STATION?)(2N)(PROFILE? OR LAYOUT? OR DESCRIPTION? OR TOPOG-
                 RAPH?)
S3      13107    DIGITAL()LIBRAR?
S4          1    S1 (S) S2
S5         13    S2 (S) S3
S6        374    S1 (S) (PROFILE? OR LAYOUT? OR DESIGN? OR DESCRIPTION? OR -
                 TOPGRAPH?)
S7         14    S4 OR S5
S8        235    S1 (5N) (CUSTOM? OR PROFILE? OR SYSTEM? OR INDIVIDUAL? OR -
                 CHARACTERISTIC? OR NETWORK? OR WORKSTATION? OR WORK()STATION?
                 OR PROCESOR? )
S9         63    S8(S)(DATABASE? OR DATABANK? OR DATA()(BASE? OR BANK?) OR -
                 XML OR JAVA OR EXTENSIBLE()MARKUP OR METADATA? OR DATASTRUCTU-
                 R? OR DATA()STRUCTUR?)
S10        77    S7 OR S9
S11        38    RD (unique items)
S12        36    S11 NOT PY>2001
S13        30    S12 NOT PD=20010115:20030115
S14        30    S13 NOT PD=20030115:20040122
File 275:Gale Group Computer DB(TM) 1983-2004/Jan 19
         (c) 2004 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2004/Jan 09
         (c) 2004 The Gale group
File  75:TGG Management Contents(R) 86-2004/Jan W2
         (c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jan 19
         (c) 2004 The Gale Group
File  16:Gale Group PROMT(R) 1990-2004/Jan 19
         (c) 2004 The Gale Group
File 624:McGraw-Hill Publications 1985-2004/Jan 19
         (c) 2004 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2004/Jan W2
         (c) 2004 ProQuest
File 613:PR Newswire 1999-2004/Jan 20
         (c) 2004 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 696:DIALOG Telecom. Newsletters 1995-2004/Jan 15
         (c) 2004 The Dialog Corp.
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jan 19
         (c) 2004 The Gale Group
File 674:Computer News Fulltext 1989-2004/Jan W2
         (c) 2004 IDG Communications
File  88:Gale Group Business A.R.T.S. 1976-2004/Jan 20
         (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2004/Jan 17
         (c) 2004 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2004/Jan 17
         (c) 2004 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2004/Jan 16
         (c) 2004 Resp. DB Svcs.
File  13:BAMP 2004/Dec W4
         (c) 2004 Resp. DB Svcs.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2004/Jan 20
         (c) 2004 Business Wire.
File 647:CMP  Computer Fulltext 1988-2004/Jan W2
         (c) 2004 CMP Media, LLC
File 148:Gale Group Trade & Industry DB 1976-2004/Jan 19
```

14/3,K/1   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02432583   SUPPLIER NUMBER: 65134595   (USE FORMAT 7 OR 9 FOR FULL TEXT)
XML helps to cut Net data snarls.(Technology Information)
Julson, Ed
Electronic Engineering Times, 86
Sept 4, 2000
ISSN: 0192-1541   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 1284   LINE COUNT: 00100

...   use complex algorithms to sift through formatting information to
separate data from display instructions.
     With **XML** , search engines will reach levels of efficiency, accuracy
and functionality on Web searches that are...

...inconceivable today. A Web search will become more like a Web query in
the traditional **database** context. As more of the information and content
on the Web is available in an **XML** format, it will become easier and
faster to find exactly what you need. This suggests that a new **generation**
of **search   engines** will emerge that combine **customizable** business
logic with search results to add value to the raw data or information
generated...

02285402   SUPPLIER NUMBER: 54299494   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Server-Side JavaScript.(Technology Tutorial)(Column)(Tutorial)
Stanek, William Robert
PC Magazine, 231(1)
May 4, 1999
DOCUMENT TYPE: Column Tutorial   ISSN: 0888-8507   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3163   LINE COUNT: 00256

...   should have the prefix X-).
     Database Access
     Server-side JavaScript provides a complete Web-to- **database**
solution, and whether you want to **create** a **database** - **query**   **engine**   or
a complete **database** -management   **system** , you can use server-side
JavaScript's LiveWire **Database** Service to help get the job done. The
service supports native drivers for DB2, Informix, Oracle, and Sybase, as
well as for **databases** that conform to the ODBC standard. Features
supported by the service include **database** pooling, pass-through SQL,
cursors, and stored procedures.
     Keep in mind though that your server...

14/3,K/6   (Item 1 from file: 47)
DIALOG(R)File   47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

05199326   SUPPLIER NUMBER: 20199692   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Infonautics launches Electric Library '98.
Information Today, v15, n1, p2(1)
Jan, 1998
ISSN: 8755-6286   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 446   LINE COUNT: 00041

...   is now bringing the Web to its members as a supplement to its own
comprehensive **database** . When members conduct searches, they can elect to
extend this search by **launching** a **customized**   **search**   **engine** , which
then finds quality information on the Internet.
     According to Infonautics, the Electric Library interface...

...TEXT: structures that these applications can use.

Among the firms that have pioneered the use of **XML** are the following. Cisco Systems uses **XML** to disseminate news within the company from different external sources. The cardiovascular monitoring system of Marquette Medical Systems uses **XML** in allowing the exchange of medical data from various hospital departments to the hospital's intranet. Citibank uses **XML** with EDI in running its bill presentment and payment system. DHL Worldwide Express uses **XML** with its DHL Connect software package used to streamline its international shipping process. Shell Oil uses an **XML** -based **database** application for conducting employee competency gap analysis. Hearst New Media and Technology has implemented an **XML** -based Web content management publishing system to manage and publish its Moneyminded.com site. The Discovery Channel uses an **XML** -based technology to **create** a **custom** **search** **engine** used to find image content from various libraries.

CommerceNet, the premier consortium whose task is...

14/3,K/25   (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire

00374904 20001002276B1320 (USE FORMAT 7 FOR FULLTEXT)
**So Much Information, So Little Time: 360 Powered Re-Invents Internet
Search-360's Push-Indexing(TM) technology forever changes the scope and
quality of information searches on the Web**
Business Wire
Monday, October 2, 2000 07:15 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 888

...360's technology can also be deployed to capture the intellectual
capital
housed in corporate **databases** and spread across global corporate
networks .
Another well-known **authority** , editor of **Search   Engine** Showdown, Greg
Notess
has stated: "360 offers a new approach to creating a search engine
database
that has the potential to provide searchers with access to previously
inaccessible material and a more frequently updated **database** ."
The flexibility of the 360 technology directly addresses the massive growth
of
the Internet and...

```
Set       Items     Description
S1          237     (GENERAT? OR LAUNCH? OR CREAT? OR AUTHOR? OR WRITE? OR WRI-
                    TING)(2W)(SEARCHENGINE? OR DATASEARCH? OR (SEARCH? OR QUERY OR
                    SEEK?)(N)(CODE? OR ENGINE? OR SOFTWARE? OR MODULE? OR APP OR-
                    APPLICATION?))
S2        79326     (SYSTEM? OR NETWORK? OR INDIVIDUAL? OR WORKSTATION? OR WOR-
                    K()STATION?)(2N)(PROFILE? OR LAYOUT? OR DESCRIPTION? OR TOPOG-
                    RAPH?)
S3        11985     DIGITAL()LIBRAR?
S4            2     S1   AND S2
S5          132     S2   AND S3
S6           35     S1 (S) (PROFILE? OR LAYOUT? OR DESIGN? OR DESCRIPTION? OR -
                    TOPGRAPH?)
S7          134     S4 OR S5
S8           16     S1 (5N) (CUSTOM? OR PROFILE? OR SYSTEM? OR INDIVIDUAL? OR -
                    CHARACTERISTIC? OR NETWORK? OR WORKSTATION? OR WORK()STATION?
                    OR PROCESOR? )
S9            1     S2(5N)S3
S10          44     S4 OR S6 OR S8 OR S9
S11          34     RD (unique items)
S12          27     S11 NOT PY>2001
S13          26     S12 NOT PD>20010115
File    8:Ei Compendex(R) 1970-2004/Jan W2
           (c) 2004 Elsevier Eng.  Info. Inc.
File   35:Dissertation Abs Online 1861-2004/Dec
           (c) 2004 ProQuest Info&Learning
File  202:Info. Sci. & Tech. Abs. 1966-2003/Nov 17
           (c) 2003 EBSCO Publishing
File   65:Inside Conferences 1993-2004/Jan W3
           (c) 2004 BLDSC all rts. reserv.
File    2:INSPEC 1969-2004/Jan W2
           (c) 2004 Institution of Electrical Engineers
File   94:JICST-EPlus 1985-2004/Jan W2
           (c)2004 Japan Science and Tech Corp(JST)
File  111:TGG Natl.Newspaper Index(SM) 1979-2004/Jan 16
           (c) 2004 The Gale Group
File  233:Internet & Personal Comp. Abs. 1981-2003/Sep
           (c) 2003 EBSCO Pub.
File  144:Pascal 1973-2004/Jan W2
           (c) 2004 INIST/CNRS
File   34:SciSearch(R) Cited Ref Sci 1990-2004/Jan W2
           (c) 2004 Inst for Sci Info
File   99:Wilson Appl. Sci & Tech Abs 1983-2003/Nov
           (c) 2003 The HW Wilson Co.
```

13/5/3   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

04175527   E.I. No: EIP95052724592
   Title: Prairie: a rule specification framework for query optimizers
   Author: Das, Dinesh; Batory, Don
   Corporate Source: Univ of Texas at Austin, Austin, TX, USA
   Conference Title: Proceedings of the 1995 IEEE 11th International
Conference on Data Engineering
   Conference Location: Taipei, Taiwan   Conference Date: 19950306-19950310
   Sponsor: IEEE; National Tsing Hua University
   E.I. Conference No.: 43044
   Source: Proceedings - IEEE International Conference on Data Engineering
1995. IEEE, Los Alamitos, CA, USA. p 201-210
   Publication Year: 1995
   CODEN: 002055   ISSN: 1063-6382
   Language: English
   Document Type: CA; (Conference Article)   Treatment: A; (Applications); T
; (Theoretical)
   Journal Announcement: 9507W4

   Abstract: From our experience, current rule-based query optimizers do not
provide a very intuitive and well-defined framework to define rules and
actions. To remedy this situation, we propose an extensible and structured
algebraic framework called Prairie for specifying rules. Prairie
facilitates rule-writing by enabling a user to write rules and actions more
quickly, correctly and in an easy-to-understand and easy-to-debug manner.
Query optimizers consist of three major parts: a search space, a cost model
and a search strategy. The approach we take is only to develop the algebra
which defines the search space and the cost model and use the Volcano
optimizer- **generator** as our **search engine** . Using Prairie as a
front-end, we translate Prairie rules to Volcano to validate our claim that
Prairie makes it easier to write rules. We describe our algebra and present
experimental results which show that using a high-level framework like
Prairie to **design** large-scale optimizers does not sacrifice efficiency.
(Author abstract) 12 Refs.
   Descriptors: Query languages; Optimization; Knowledge based **systems** ;
Computer hardware **description** languages; Algebra; User interfaces;
Database systems; Information retrieval systems; Algorithms
   Identifiers: Query optimizers; Rule specification framework; Algebraic
framework; Search space; Cost model; Volcano optimizer generator
   Classification Codes:
   723.1.1 (Computer Programming Languages); 723.4.1 (Expert Systems)
   723.3 (Database Systems); 921.5 (Optimization Techniques); 723.1
(Computer Programming); 723.4 (Artificial Intelligence); 921.1 (Algebra);
722.2 (Computer Peripheral Equipment)
   723 (Computer Software); 921 (Applied Mathematics); 722 (Computer
Hardware)
   72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

7153930   INSPEC Abstract Number: C2002-02-7210N-049
 Title: A distributed hierarchical clustering system for Web mining
   Author(s): Wen, C.W.; Liu, H.; Wen, W.X.; Zheng, J.
   Author Affiliation: Dept. of Comput. Sci. & Eng., Arizona State Univ., Tempe, AZ, USA
   Conference Title: Advances in Web-Age Information Management. Second International Conference, WAIM 2001. Proceedings (Lecture Notes in Computer Science Vol.2118)   p.103-13
   Editor(s): Wang, X.S.; Yu, G.; Lu, H.
   Publisher: Springer-Verlag, Berlin, Germany
   Publication Date: 2001   Country of Publication: Germany   xv+418 pp.
   ISBN: 3 540 42298 6   Material Identity Number: XX-2001-01858
   Conference Title: Advances in Web-Age Information Management. Second International Conference, WAIM 2001,
   Conference Date: 9-11 July 2001   Conference Location: Xi'an, China
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Applications (A); Practical (P); Theoretical (T)

   Abstract: Proposes a method of distributed hierarchical clustering for Web mining. The method is closely related to our early work of self-generated neural networks, which is in turn based on both self-organizing neural network and concept formation. The complexity of the algorithm is at most $O(MNlogN)$. With the distributed implementation the method can be easily scaled up. The method is independent of the order in which the Web documents are presented. The method produces a natural conceptual hierarchy but not a binary tree. The method can include multimedia information into the same cluster hierarchy. A visualization mechanism has been developed for the clustering method and it shows the cluster hierarchy generated by the method has very high quality. The clustering process is fully automatic, and no human intervention is required. A clustering system has been built based on the proposed method, which can be used to automatically **generate** multimedia **search   engines** , Web directories, decision-making assistance **systems** , knowledge management systems, and personalized knowledge portals. (19 Refs)
   Subfile: C
   Descriptors: computational complexity; data mining; distributed object management; information resources; Internet; multimedia communication; search engines
   Identifiers: Web mining; distributed hierarchical clustering; self-organizing neural network; self-generated neural networks; concept formation; complexity; natural conceptual hierarchy; binary tree; cluster hierarchy; visualization mechanism; multimedia search engines; Web directories; decision-making assistance systems; knowledge management systems; personalized knowledge portals
   Class Codes: C7210N (Information networks); C6170K (Knowledge engineering techniques); C4240C (Computational complexity); C7250N (Search engines); C6150N (Distributed systems software); C6130M (Multimedia); C7250R (Information retrieval techniques)

13/5/7   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6919326   INSPEC Abstract Number: C2001-06-6150N-059
 Title: Mapping enterprise roles to CORBA objects using Trader
   Author(s): Barros, A.; Duddy, K.; Lawley, M.; Milosevic, Z.; Raymond, K.;
Wood, A.
   Author Affiliation: DSTC, Queensland Univ., Brisbane, Qld., Australia
   Conference Title: Trends in Distributed Systems: Towards a Universal
Service Market. Third International IFIP/GI Working Conference, USA 2000.
Proceedings (Lecture Notes in Computer Science Vol.1890)   p.54-66
   Editor(s): Linnhoff-Popien, C.; Hegering, H.-G
   Publisher: Springer-Verlag, Berlin, Germany
   Publication Date: 2000 Country of Publication: Germany   xi+339 pp.
   ISBN: 3 540 41024 4   Material Identity Number: XX-2000-02616
   Conference Title: Trends in Distributed Systems: Towards a Universal
Service Market
   Conference Sponsor: Ludwig-Maximilians Univ.; IFIP; German Inf. Soc.;
Bavarian Acad. Sci.; et al
   Conference Date: 12-14 Sept. 2000   Conference Location: Munich, Germany
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)

   Abstract: The ODP Enterprise Language concept of Role provides a useful
abstraction for behaviour in a context that is independent of how the
behaviour is enacted in a run time system. In CORBA implementations of ODP
systems, a client object reference variable is analogous to a Role, i.e.,
it is a placeholder for an object whose behaviour is specified by an IDL
type. The DSTC UML **Profile** for Enterprise Distributed Object Computing
expresses the Role concept as a UML Action, which is a placeholder for
behaviour in UML, and has an attribute representing constraints on the
objects that may perform the behaviour (fill the Role). CORBA Object
reference variables are assigned to object references using some
"bootstrapping mechanism", implemented by a programmer, perhaps using a
Trader or Naming Service to locate suitable objects. For the first time in
UML, the DSTC EDOC **Profile** allows **designers** to specify Roles,
independent of the class of objects that may perform the Roles. **Designers**
also specify which objects are appropriate for filling which Roles.
Furthermore, the mapping of this **Profile** to CORBA technology allows
automatic **generation** of Trader **query code** to bootstrap the object
references of a distributed application according to the high-level **design**
, not the whims of the programmer. (13 Refs)
   Subfile: C
   Descriptors: client-server systems; computer bootstrapping; distributed
object management; naming services; open systems; specification languages
   Identifiers: enterprise role mapping; CORBA objects; Trader; ODP
Enterprise Language concept; behaviour abstraction; run time system; CORBA
implementations; ODP systems; client object reference variable; placeholder
; IDL type; DSTC UML Profile; Enterprise Distributed Object Computing; UML
Action; CORBA Object reference variables; bootstrapping mechanism; Naming
Service; UML; DSTC EDOC Profile; automatic generation; distributed
application; high-level design
   Class Codes: C6150N (Distributed systems software); C6110J (
Object-oriented programming); C6120 (File organisation); C6140D (High
level languages); C6150Z (Other systems operation programs); C6110F (Formal
methods)

00525217   99MY02-001
Creating a Sherlock module to search your Web site
The MacAuthority , February 1, 1999 , v8 n2 p1-4, 4 Page(s)
ISSN: 1062-452X
Company Name: Apple Computer
URL: http://www.apple.com/sherlock http://www.apple-donuts.com
Product Name: Sherlock
Languages: English
Document Type: Articles, News & Columns
Geographic Location: United States
Discusses Sherlock, the Mac OS 8.5 software's new Internet search
utility. Says that Apple **designed** Sherlock with a plug-in architecture
that allows users to **create** their own **search** **modules** for their
favorite search engines - even their own Web sites. States that creating a
Sherlock module for a Web site is not as difficult as first imagined. Notes
that you need a good understanding of HTML, ResEdit, and a text editor;
from there the function of your search engine must be analyzed and the same
function must be built into the module. Concludes that if you need
assistance with Sherlock, there are several sites on the Internet to find
help - Apple's Web site and the Sherlock Internet Search Archives. Includes
six screen displays.
    Descriptors: Search Engines; Internet; Plug-ins; Web Sites; HTML
    Identifiers: Sherlock; Apple Computer

00441246   96DG11-018
   InfoShip -- Electronic publishing and authoring
   Tehrani, Bijan
   Digital Video Magazine , November 1, 1996 , v4 n11 p82-84, 2 Page(s)
   ISSN: 1075-251X
   Company Name: Valis Group, The
   Product Name: InfoShip
   Languages: English
   Document Type: Software Review
   Grade (of Product Reviewed): B
   Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows;
 Microsoft Windows 95; Microsoft Windows NT
   Geographic Location: United States
   Presents a favorable review of InfoShip ($589), an electronic publishing
and authoring program from The Valis Group of Tiburon, CA (415). Runs on
IBM PC compatibles with 4MB RAM, a VGA or SVGA 256-color monitor and 1MB
VRAM, and Windows 3.1, 95, or NT. Explains that InfoShip is an interactive
authoring program that works on an automatic scripting basis, and is
specifically **designed** for electronic publishing and text handling. Calls
InfoShip the first electronic publishing tool with this many powerful
authoring features that take advantage of Common Ground Maker Portable
documents. Reports that InfoShip is a flexible program that has an
excellent means of indexing articles and **creating   search   engines** , and
which lets you **design** your publication's pages in any maj **layout**
program such as QuarkXPress or PageMaker. Rates InfoS score of 7.3 out of
10. Includes one screen display and a product score card. (jo)
   Descriptors: Electronic Publishing; Authoring Systems; Window Software
; Software Review; Desktop Publishing; Publishing
   Identifiers: InfoShip; Valis Group, The

```
Set      Items    Description
S1        207    (GENERAT? OR LAUNCH? OR CREAT? OR AUTHOR? OR WRITE? OR WRI-
                 TING)(2W)(SEARCHENGINE? OR DATASEARCH? OR (SEARCH? OR QUERY OR
                 SEEK?)(N)(CODE? OR ENGINE? OR SOFTWARE? OR MODULE? OR APP OR
                 APPLICATION?))
S2      40533    (SYSTEM? OR NETWORK? OR INDIVIDUAL? OR WORKSTATION? OR WOR-
                 K()STATION?)(2N)(PROFILE? OR LAYOUT? OR DESCRIPTION? OR TOPOG-
                 RAPH?)
S3        187    DIGITAL()LIBRAR?
S4          0    S1 (15N) S2
S5          2    S2 (15N) S3
S6         16    S1 (5N) (PROFILE? OR LAYOUT? OR DESIGN? OR DESCRIPTION? OR
                 TOPGRAPH?)
S7          2    S4 OR S5
S8         11    S1 (5N) (CUSTOMI? OR SYSTEM? OR INDIVIDUAL? OR CHARACTERIS-
                 TIC? OR NETWORK? OR WORKSTATION? OR WORK()STATION? OR PROCESO-
                 R? )
S9         28    S5 OR S6 OR S7 OR S8
S10         4    S1(S)S2
S11         0    S1(S)S3
S12        30    S5 OR S6 OR S7 OR S8 OR S10
S13        26    S12 AND IC=G06F?
S14        26    IDPAT (sorted in duplicate/non-duplicate order)
S15        26    IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2004/Jan W03
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040115,UT=20040108
         (c) 2004 WIPO/Univentio
```

01347416
AUTHENTICATING METHOD
AUTHENTIFIZIERUNGSVERFAHREN
PROCEDE D'AUTHENTIFICATION
PATENT ASSIGNEE:
  Kabushiki Kaisha Eighting, (3304821), 23-1, Ohi 1-Chome, Shinagawa-ku,
    Tokyo 140-0014, (JP), (Applicant designated States: all)
INVENTOR:
  FUJISAWA, Tomonori, c/o Kabushiki Kaisha Eighting 23-1, Ohi 1-Chome,
    Shinagawa-ku Tokyo 140-0014, (JP)
  SATOU, Shouji, Sakae-cho 635, Kuroiso-shi, Tochigi 325-0000, (JP)
LEGAL REPRESENTATIVE:
  HOFFMANN - EITLE (101511), Patent- und Rechtsanwalte Arabellastrasse 4,
    81925 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1282044 A1 030205 (Basic)
                              WO 2001065386 010907
APPLICATION (CC, No, Date):   EP 2001908119 010228;   WO 2001JP1478   010228
PRIORITY (CC, No, Date): JP 200058390 000303; JP 2000381019 001214
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-015/00** ;   **G06F-017/60** ; H04L-009/00;
  H04M-001/00; H04M-011/00; H04Q-007/38

ABSTRACT EP 1282044 A1
    The present invention proposes a safe and quick individual
  certification method using a portable terminal. When a portable terminal
  30 sends a request for certification to a certification server 10, the
  certification server 10 transmits query code for certification to the
  portable terminal 30. The portable terminal 30 transmits said query code
  to the certification server 10 via a reader 21 or the like and also via a
  sales management server 23 to be certified. The certification server 10
  verifies the query code to that generated in the past, and returns a
  result of verification and personal data required by the sales management
  server 23 to the sales management server 23.
ABSTRACT WORD COUNT: 112
NOTE:
  Figure number on first page: 01

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 011031 A1 International application. (Art. 158(1))
  Application: 011031 A1 International application entering European
                             phase
  Application: 030205 A1 Published application with search report
  Examination: 030205 A1 Date of request for examination: 20021002
  Search Report: 030502 A1 Date of drawing up and dispatch of
                             supplementary:search report 20030318
  Change: 030502 A1 International Patent Classification changed:
                             20030312
  Change: 030502 A1 International Patent Classification changed:
                             20030312
LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English)   200306   293
      SPEC A   (English)   200306   4587
Total word count - document A   4880
Total word count - document B   0
Total word count - documents A + B   4880

INTERNATIONAL PATENT CLASS: **G06F-015/00 ...**

... **G06F-017/60**

...SPECIFICATION 31 for a portable terminal which is a signal conversion server for connection to the **network** 50.

The certification server **generates** **query** **code** to the requesting user, and transmits the query code through the same signal path used...

15/5,K/11   (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01049184   **Image available**
SYSTEM AND METHOD FOR NETWORK-BASED AUTOMATION OF ADVICE AND SELECTION OF OBJECTS
SYSTEME ET PROCEDE D'AUTOMATISATION BASEE SUR RESEAU DE CONSEIL ET DE SELECTION D'OBJETS
Patent Applicant/Assignee:
   GUIDE2STYLE COM INC, 1 Avocet Drive #103, Redwood City, CA 94065, US, US
      (Residence), US (Nationality)
Inventor(s):
   JOHNSON Rani, 1 Avocet Drive #103, Redwood City, CA 94065, US,
   VAN VALKENBURGH Scott Christopher, 2453 Antler Point Drive, Henderson, NV
      89074, US,
   PEKELNY Anatoly, 1459 Gordon Street #G5, Redwood City, CA 94061, US,
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200379217 A1 20030925 (WO 0379217)
   Application: WO 2002US5756 20020221 (PCT/WO US0205756)
   Priority Application: WO 2002US5756 20020221
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
   CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
   KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
   RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
   (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
   (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/00**
Publication Language: English
Filing Language: English
Fulltext Availability:
   Detailed Description
   Claims
Fulltext Word Count: 19484

English Abstract
   A advice and search system and method in which a user is prompted to
   complete a profile (14), which the system understands and uses to trigger
   applicable rules in a knowledge matrix (20). The triggered rules are
   summarized to exclude conflicts and determine the output characteristic
   values (22). In conjunction with the preset categorized, output
   characteristic searching order (26), and with output characteristic
   passing standards (28), these output characteristic values are fed into
   the searching schema (30), **generating** an **individualized search
   engine** (32) for each distinct **profile** . This search engine queries the
   characterized inventory database (34) ultimately resulting in prioritized
   inventory selections (36).

French Abstract
   Systeme et procede de conseil et de recherche dans lesquels il est
   demande a un utilisateur d'etablir un profil (14) que le systeme comprend
   et utilise pour declencher des regles applicables dans une matrice (20)
   de connaissance. Les regles declenchees sont resumees afin d'exclure les
   conflits et de determiner les valeurs caracteristiques de sortie (22).
   Conjointement a l'ordre de recherche (26) de caracteristiques de sortie
   predefinies categorisees, et aux normes de passage (28) de
   caracteristiques de sortie, ces valeurs caracteristiques de sortie sont
   integrees dans un schema de recherche (30), generant un moteur de
   recherche individualisee (32) pour chaque profil distinct. Ce moteur de
   recherche interroge la base de donnees (34) d'inventaire caracterise avec
   comme resultat definitif des selections (36) d'inventaire par priorites.

Legal Status (Type, Date, Text)
Publication 20030925 A1 With international search report.

Main International Patent Class: **G06F-017/00**

English Abstract

...characteristic passing standards (28), these output characteristic values are fed into the searching schema (30), **generating** an **individualized   search   engine** (32) for each distinct **profile** . This search engine queries the characterized inventory database (34) ultimately resulting in prioritized inventory selections..

DIALOG(R)File 349:PCT FULLTEXT

00919220
SYSTEM AND METHOD FOR ORGANIZING SEARCH CRITERIA MATCH RESULTS
SYSTEME ET PROCEDE D'ORGANISATION DE RESULTATS DE COMPARAISON DE CRITERES
DE RECHERCHE
Patent Applicant/Inventor:
  GENSER Mathias, 1817 Yosemite Road, Berkeley, CA 94707, US, US
    (Residence), US (Nationality)
Legal Representative:
  SOMMERS Howard N (et al) (agent), Fulwider Patton Lee & Utecht, LLP,
    Howard Hughes Center, Tenth Floor, 6060 Center Drive, Los Angeles, CA
    90045, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200252448 A1 20020704 (WO 0252448)
  Application: WO 2001US48916 20011213 (PCT/WO US0148916)
  Priority Application: US 2000747334 20001222
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
  SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 10772

English Abstract
  In a system and method for organizing database search criteria match
  results which are **generated** through a **search engine** adapted to
  generate **system** databases upon the processing of search criteria
  established and submitted by a system user, the system is adapted to
  define and group the search criteria match results for presentation to
  the user based upont the relative emphasis or de-emphasis of such
  results. The system includes a context software module, for de-emphasis
  of such results. The system includes a context software module, for
  enabling of such results. The system inlcudes a context software module,
  for enabling the generating of a context database consisting of content,
  links, and layouts organized for presntation to the user, which module is
  adapted to determine and specify the context database based on a current
  context and settings. The system also includes a criteria sofware module
  for enabling the generating of a comparison database, adapted to enable
  criteria to be submitted, modified, and input by the user to generate
  comparison database information. It also inlcudes a resolution software
  module for enabling the establishing of a relationship between a context
  database and a comparison database without modifying the context
  organized for presentation to the user. It further may include an
  argument software module for enabling an argument consisting of an
  expression constructed for a specific purpose to be formed and submitted.
  The system may also include a display axis software module for generating
  axes consisting of distinct search submissions to enable the display of
  search criteria matches.

French Abstract
  L'invention se rapporte a un systeme et a un procede permettant
  d'organiser les resultats de comparaison de criteres de recherche de base
  de donnees qui sont generes par un moteur de recherche concu pour generer
  des bases de donnees de systeme lors du traitement de criteres de
  recherche etablis et soumis par un utilisateur de systeme, ledit systeme
  etant concu pour definir et regrouper les resultats de comparaison des

criteres de recherche en vue de leur presentation a l'utilisateur en
fonction du degre d'importance ou de non importance de ces resultats. Le
systeme inclut un module logiciel contextuel concu pour permettre la
generation d'une base de donnees contextuelles constituee d'un contenu,
de liens et de mises en page organisees aux fins de la presentation a
l'utilisateur, ledit module etant concu pour determiner et specifier la
base de donnees contextuelles en fonction d'un contexte courant et de
parametres. Ce systeme comprend egalement un module logiciel de
traitement des criteres concu pour permettre la generation d'une base de
donnees de comparaison permettant la soumission, la modification et
l'entree des criteres par l'utilisateur aux fins de la generation des
informations de la base de donnees de comparaison. Il comporte egalement
un module logiciel de resolution concu pour permettre l'etablissement
d'une relation entre une base de donnees contextuelles et une base de
donnees de comparaison sans modification du contexte organise en vue de
la presentation a l'utilisateur. Il peut egalement inclure un module
logiciel de traitement d'arguments concus pour permettre la formation et
la soumission d'un argument constitue d'une expression construite dans un
but specifique. Le systeme peut egalement inclure un module logiciel de
generation d'axes d'affichage constitues de soumissions de recherches
distinctes permettant l'affichage des comparaisons des criteres de
recherche.
Legal Status (Type, Date, Text)
Publication 20020704 A1 With international search report.
Examination   20030123 Request for preliminary examination prior to end of
                      19th month from priority date

Main International Patent Class: **G06F-017/30**

English Abstract
In a system and method for organizing database search criteria match
results which are **generated** through a **search   engine** adapted to
generate **system** databases upon the processing of search criteria
established and submitted by a system user, the...

DIALOG(R)File 349:PCT FULLTEXT
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00827978   **Image available**
WATERMARK ENCODER AND DECODER ENABLED SOFTWARE AND DEVICES
LOGICIELS ET DISPOSITIFS ACTIVES PAR DES CODEURS ET DES DECODEURS DE FILIGRANE
Patent Applicant/Assignee:
  DIGIMARC CORPORATION, 19801 SW 72nd Avenue, Suite 250, Tualatin, OR 97062
    , US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  RAMOS Daniel O, 16869 SW Hargis Road, Beaverton, OR 97007, US, US
    (Residence), US (Nationality), (Designated only for: US)
  JONES Kevin C, 4850 NW Neskowin Ave., Portland, OR 97229, US, US
    (Residence), US (Nationality), (Designated only for: US)
  RHOADS Geoffrey B, 2961 SW Turner Road, West Linn, OR 97068, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  MEYER Joel R (agent), Digimarc Corporation, 19801 S.W. 72nd Avenue, Suite
    250, Tualatin, OR 97062, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200161508 A1 20010823 (WO 0161508)
  Application: WO 2001US4812 20010214 (PCT/WO US0104812)
  Priority Application: US 2000183681 20000217; US 2000191778 20000324; US
    2000636102 20000810
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-013/00**
International Patent Class: **G06F-015/16** ; **H04L-009/00**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 17935

English Abstract
  Watermark encoders and decoders are integrated into operating systems,
  Internet browsers (300), media players, and other applications and
  devices. Such integration enables the watermark-enabled application (304)
  or device to provide additional functionality and information (302)
  available via the watermark. The watermark, for example, may link to
  metadata or actions related to a media object. To exploit this watermark
  enabled functionality, the integrated application uses a watermark
  decoder to access the related metadata and actions. The user interface of
  the integrated application is enhanced to present metadata and actions
  linked via the watermark. Similarly, watermark encoders may be integrated
  into applications to convert media objects into enhanced, watermarked
  objects.

French Abstract
  Les codeurs et decodeurs de filigranes sont integres dans des systemes
  d'exploitation, des explorateurs Internet (300), des diffuseurs de medias
  et autres applications et dispositifs. Une telle integration permet a
  l'application (304) ou au dispositif actives par filigrane d'offrir des
  fonctionnalites et des informations (302) supplementaires disponibles via
  le filigrane. Ce filigrane peut notamment constituer un lien vers des
  metadonnees ou des actions liees a un objet media. Afin d'exploiter cette
  fonctionnalite activee par filigrane, l'application integree utilise un
  decodeur de filigrane afin d'acceder auxdites metadonnees et actions

liees. L'interface utilisateur de l'application integree est amelioree
pour presenter des metadonnees et des actions liees via le filigrane.
D'une facon similaire, des codeurs de filigranes peuvent etre integres a
des applications afin de transformer des objets media en objets
filigranes ameliores.

Legal Status (Type, Date, Text)
Publication   20010823 A1 With international search report.
Publication   20010823 A1 Before the expiration of the time limit for
                           amending the claims and to be republished in the
                           event of the receipt of amendments.
Examination   20011220 Request for preliminary examination prior to end of
                           19th month from priority date
Correction   20021031 Corrected version of Pamphlet: pages 1/13-13/13,
                           drawings, replaced by new pages 1/13-13/13; due to
                           late transmittal by the receiving Office
Republication 20021031 A1 With international search report.

Main International Patent Class: **G06F-013/00**
International Patent Class: **G06F-015/16** ...
Fulltext Availability:
  Detailed Description

Detailed Description
... URLs or IP addresses) where copies of the content can be found. As
  such, the **system** can be used to **create** a **search** **engine** accessible
  via the Internet to enable users to search the database by content type,
  content...

```
Set     Items   Description
S1        77    (GENERAT? OR LAUNCH? OR CREAT? OR WRITE? OR WRITING)(2N)(S-
                EARCHENGINE? OR (SEARCH? OR QUERY)(N)(CODE? OR ENGINE? OR SOF-
                TWARE? OR APPLICATION?))
S2      9780    (SYSTEM? OR NETWORK? OR INDIVIDUAL? OR WORKSTATION? OR WOR-
                K()STATION?)(2N)(PROFILE? OR LAYOUT? OR DESCRIPTION? OR TOPOG-
                RAPH?)
S3        76    DIGITAL()LIBRAR?
S4         1    S1 AND S2
S5         2    S2 AND S3
S6        57    S1 AND (PROFILE? OR LAYOUT? OR DESIGN? OR DESCRIPTION? OR -
                TOPGRAPH?)
S7         2    S4 OR S5
S8        50    S6 AND IC=(G06F? OR H04L?)
S9        40    S8 AND (CUSTOMI? OR SYSTEM? OR INDIVIDUAL? OR CHARACTERIST-
                IC? OR NETWORK? OR WORKSTATION? OR WORK()STATION? OR PROCESOR?
                )
S10       40    IDPAT (sorted in duplicate/non-duplicate order)
S11       40    IDPAT (primary/non-duplicate records only)
S12       82    (GENERAT? OR LAUNCH? OR CREAT? OR WRITE? OR WRITING)(2N)(S-
                EARCHENGINE? OR (SEARCH? OR QUERY)(N)(CODE? OR ENGINE? OR SOF-
                TWARE? OR MODULE? OR APPLICATION?))
S13     9780    (SYSTEM? OR NETWORK? OR INDIVIDUAL? OR WORKSTATION? OR WOR-
                K()STATION?)(2N)(PROFILE? OR LAYOUT? OR DESCRIPTION? OR TOPOG-
                RAPH?)
S14       76    DIGITAL()LIBRAR?
S15        1    S12 AND S13
S16        2    S13 AND S14
S17       61    S12 AND (PROFILE? OR LAYOUT? OR DESIGN? OR DESCRIPTION? OR
                TOPGRAPH?)
S18        2    S15 OR S16
S19       53    S17 AND IC=(G06F? OR H04L?)
S20       43    S19 AND (CUSTOMI? OR SYSTEM? OR INDIVIDUAL? OR CHARACTERIS-
                TIC? OR NETWORK? OR WORKSTATION? OR WORK()STATION? OR PROCESO-
                R? )
S21       40    S20 AND IC=G06F?
S22       40    IDPAT (sorted in duplicate/non-duplicate order)
S23       40    IDPAT (primary/non-duplicate records only)
S24       50    (GENERAT? OR CREAT? OR LAUNCH? OR WRITE? OR WRITING? OR MA-
                NUFACTUR? OR AUTHOR?)(2W)(SEARCHENGINE? OR DATASEARCH? OR (SE-
                ARCH? OR QUER? OR INQUIR? OR SEEK?)(N)(CODE? OR MODULE? OR SY-
                STEM? OR ENGINE? OR SOFTWARE? OR APP OR APPLICATION?))
S25        2    S24 AND (XML? OR JAVA OR PLUGIN? OR EXTENSIB?()MARKUP)
S26        0    S25 NOT S22
S27       38    S24 AND IC=G06F?
S28       22    S27 NOT S21
S29       22    IDPAT (sorted in duplicate/non-duplicate order)
S30       22    IDPAT (primary/non-duplicate records only)
File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200404
         (c) 2004  Thomson Derwent
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DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015184877   **Image available**
WPI Acc No: 2003-245409/200324
  General automatic naming and checking system
Patent Assignee: YANG D H (YANG-I)
Inventor: YANG D H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002007555	A	20020129	KR 200040881	A	20000718	200324	B

Priority Applications (No Type Date): KR 200040881 A 20000718
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002007555	A		1	G06F-017/30	

Abstract (Basic): KR 2002007555 A
      NOVELTY - A general automatic naming and checking system are
provided to find a name having scarcity value, remarkably simplify a
registering procedure, and enable a user to effectively register a
desired name by creating the desired name automatically and
extensively, and retrieving the desired name in the Internet
automatically and rapidly.
      DETAILED DESCRIPTION - The method comprises steps of inputting the
user information provided from a service server of a general automatic
name **creating** and **searching system** (22), inputting a basic
information about the name that the user wants to create and
register(23), creating a capable name by a preset rule on the basis of
the inputted information(24), determining whether the created name is
registered to a certain registration organization or not(25), and
displaying the information about the determined name by classifying
into the registered and unregistered name(26).
      pp; 1 DwgNo 1/10
Title Terms: GENERAL; AUTOMATIC; CHECK; SYSTEM
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014211631   **Image available**
WPI Acc No: 2002-032328/200204
  Method for giving advantage to search engine window installing person
Patent Assignee: KIM S H (KIMS-I)
Inventor: KIM S H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001068600	A	20010723	KR 2000605	A	20000107	200204	B

Priority Applications (No Type Date): KR 2000605 A 20000107
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001068600	A		1	G06F-017/30	

Abstract (Basic): KR 2001068600 A
     NOVELTY - A method for giving an advantage to a search window
  installing person is provided to offer a predetermined benefit to a
  homepage possessor who installed a search engine window being connected
  to a search site in accordance with the number searched through the
  search engine window.
     DETAILED DESCRIPTION - A web site possessor registers one's web
  site Internet address(URL) in a search site. A search site operator is
  connected to one's search site, and **creates** a **search   engine**
  window capable of counting the search number and transmits the search
  engine window to the web site possessor. The web site possessor inserts
  the search engine window into one's web site. Other user connects to
  the web site and searches necessary information through the search
  engine window. The search site operator embodies a predetermined point
  in accordance with the number searched through the search engine window
  and offers a predetermined consideration in accordance with the point.
     pp; 1 DwgNo 1/10
Title Terms: METHOD; ADVANTAGE; SEARCH; ENGINE; WINDOW; INSTALLATION;
  PERSON
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

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                EARCHENGINE? OR (SEARCH? OR QUERY)(N)(CODE? OR ENGINE? OR SOF-
                TWARE? OR APPLICATION?))
S2      9780    (SYSTEM? OR NETWORK? OR INDIVIDUAL? OR WORKSTATION? OR WOR-
                K()STATION?)(2N)(PROFILE? OR LAYOUT? OR DESCRIPTION? OR TOPOG-
                RAPH?)
S3        76    DIGITAL()LIBRAR?
S4         1    S1 AND S2
S5         2    S2 AND S3
S6        57    S1 AND (PROFILE? OR LAYOUT? OR DESIGN? OR DESCRIPTION? OR -
                TOPGRAPH?)
S7         2    S4 OR S5
S8        50    S6 AND IC=(G06F? OR H04L?)
S9        40    S8 AND (CUSTOMI? OR SYSTEM? OR INDIVIDUAL? OR CHARACTERIST-
                IC? OR NETWORK? OR WORKSTATION? OR WORK()STATION? OR PROCESOR?
                )
S10       40    IDPAT (sorted in duplicate/non-duplicate order)
S11       40    IDPAT (primary/non-duplicate records only)
S12       82    (GENERAT? OR LAUNCH? OR CREAT? OR WRITE? OR WRITING)(2N)(S-
                EARCHENGINE? OR (SEARCH? OR QUERY)(N)(CODE? OR ENGINE? OR SOF-
                TWARE? OR MODULE? OR APPLICATION?))
S13     9780    (SYSTEM? OR NETWORK? OR INDIVIDUAL? OR WORKSTATION? OR WOR-
                K()STATION?)(2N)(PROFILE? OR LAYOUT? OR DESCRIPTION? OR TOPOG-
                RAPH?)
S14       76    DIGITAL()LIBRAR?
S15        1    S12 AND S13
S16        2    S13 AND S14
S17       61    S12 AND (PROFILE? OR LAYOUT? OR DESIGN? OR DESCRIPTION? OR
                TOPGRAPH?)
S18        2    S15 OR S16
S19       53    S17 AND IC=(G06F? OR H04L?)
S20       43    S19 AND (CUSTOMI? OR SYSTEM? OR INDIVIDUAL? OR CHARACTERIS-
                TIC? OR NETWORK? OR WORKSTATION? OR WORK()STATION? OR PROCESO-
                R? )
S21       40    S20 AND IC=G06F?
S22       40    IDPAT (sorted in duplicate/non-duplicate order)
S23       40    IDPAT (primary/non-duplicate records only)
File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200404
         (c) 2004  Thomson Derwent
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07410303   **Image available**
CODE GENERATING SYSTEM FOR **DIGITAL   LIBRARY**

PUB. NO.:   2002-278812 [JP 2002278812 A]
PUBLISHED: September 27, 2002 (20020927)
INVENTOR(s):   KAUFFMAN STEVEN V
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)
APPL. NO.:   2002-005938 [JP 20022005938]
FILED: January 15, 2002 (20020115)
PRIORITY: 01 774829 [US 2001774829], US (United States of America),
               January 26, 2001 (20010126)
INTL CLASS: G06F-012/00

ABSTRACT
PROBLEM TO BE SOLVED: To provide technology for preparing a custom
database.

SOLUTION: A **system   description** on the structure of database is
received. On the basis of the **system   description** , a structure to the
custom database is generated. Further, in order to store data and to
designate a position therefor on the custom database, on the basis of the
system   description , a **search   engine** is **generated** .

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015078608   **Image available**
WPI Acc No: 2003-139126/200313
XRPX Acc No: N03-110454
   **Custom database creation method for bank, involves generating custom
   database structure and search engine based on received** system
   description **of database structure**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC);
   KAUFFMAN S V (KAUF-I)
Inventor: KAUFFMAN S V
Number of Countries: 003 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020152221	A1	20021017	US 2001774829	A	20010126	200313	B
JP 2002278812	A	20020927	JP 20025938	A	20020115	200313	
CN 1367448	A	20020904	CN 2001144042	A	20011228	200313	

Priority Applications (No Type Date): US 2001774829 A 20010126
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020152221	A1		11	G06F-007/00	
JP 2002278812	A		13	G06F-012/00	
CN 1367448	A			G06F-017/30	

Abstract (Basic): US 20020152221 A1
       NOVELTY - A custom database structure and a search engine for
   locating data in the database are generated based on a received **system
      description** of the custom database structure. The **system
   description** defines mapping of abstract objects to physical
   representation in the database structure.
       DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
   following:
       (1) Custom database creation apparatus; and
       (2) Article of manufacture comprising program carrier for storing
   database creation instructions.

USE - For creating custom database or **digital library** for air-line ticket reservation, bank, claim processing in insurance company.

ADVANTAGE - Generates programs to store and locate data in **digital library** based on system specification.

DESCRIPTION OF DRAWING(S) - The figure illustrates the hardware environment of database system.

pp; 11 DwgNo 1/3

Title Terms: CUSTOM; DATABASE; CREATION; METHOD; BANK; GENERATE; CUSTOM; DATABASE; STRUCTURE; SEARCH; ENGINE; BASED; RECEIVE; SYSTEM; DESCRIBE; DATABASE; STRUCTURE

Derwent Class: T01

International Patent Class (Main): G06F-007/00; G06F-012/00; G06F-017/30

File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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015796057   **Image available**
WPI Acc No: 2003-858260/200380
XRPX Acc No: N03-685347
  **Data retrieval method for use in company, involves collating generated
  search keyboard data with completed under- test cable data**
Patent Assignee: DAINI DENDEN KK (DAIN-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2003296331 A   20031017 JP 2002102825   A   20020404 200380 B

Priority Applications (No Type Date): JP 2002102825 A 20020404
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2003296331 A   8 G06F-017/30

Abstract (Basic): JP 2003296331 A
      NOVELTY - A keyword data is enciphered with a stream encryption
  system , to generate a search keyword data. The generated encrypted
  search keyword data is collated with the completed under test cable
  data (31).
      DETAILED **DESCRIPTION** - INDEPENDENT CLAIMS are also included for
  the following:
      (1) search keyword generation apparatus;
      (2) search keyword generation program; and
      (3) data search engine.
      USE - For **creating** a data **search   engine** (claimed) in
  companies using stream encryption **system** .
      ADVANTAGE - Reduces the search time of encrypted data and hence
  improves the retrieval efficiency.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
  the data search engine. (Drawing includes non-English language text).
      Internet (3)
      database access apparatus (11)
      terminal (12)
      database search registration apparatus (22)
      test cable data (31)
      pp; 8 DwgNo 1/7
Title Terms: DATA; RETRIEVAL; METHOD; COMPANY; COLLATE; GENERATE; SEARCH;
  KEYBOARD; DATA; COMPLETE; TEST; CABLE; DATA
Derwent Class: T01; W01
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): **H04L-009/18**
File Segment: EPI

014813434   **Image available**
WPI Acc No: 2002-634140/200268
    System **and method for offering virtual document**
Patent Assignee: ENQUEST TECHNOLOGY INC (ENQU-N)
Inventor: KANG J H; LEE M H; LEE Y B; MAENG S H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002028633	A	20020417	KR 200059742	A	20001011	200268	B

Priority Applications (No Type Date): KR 200059742 A 20001011
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002028633	A		1	G06F-017/30	

Abstract (Basic): KR 2002028633 A
    NOVELTY - A virtual document service **system** and method is
provided to logically integrate necessary parts among physically
scattered data for offering a new view of virtual documents.
    DETAILED **DESCRIPTION** - The method comprises steps of **generating**
the second **search** **module** by using the search conditions stored in
the first search module, and searching for wanted virtual documents and
general documents by using the search module(500), reading the virtual
documents resulted from the search operation(510), generating
internally a Dom tree and parsing the tree by using an XML parser(520),
reading link data from the Dom tree and allocating a value to a link
management module(530), displaying a virtual document(540), determining
if generating a new virtual document(550), finishing the steps if not
generating the new virtual document, and otherwise editing the virtual
document(560), checking if finishing the steps(570), if not finishing
the steps, determining if storing the edited virtual document(580), if
not storing the document, repeating the step of editing the virtual
document, and otherwise converting the virtual document into XML
document as defined in a DTD(Document Type Definition) by using the
link data managed by the link management module(590) and storing the
virtual document(600).
    pp; 1 DwgNo 1/10
Title Terms: **SYSTEM** ; METHOD; OFFER; VIRTUAL; DOCUMENT
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

014448551   **Image available**
WPI Acc No: 2002-269254/200231
XRPX Acc No: N02-209517
  **Virtual streaming multimedia server creation method for e-commerce
  transaction, involves using electronically virtualized integrated media
  site software for creating virtual server and virtual browser**
Patent Assignee: EXTREMING INC (EXTR-N)
Inventor: GELLER B I
Number of Countries: 095 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200215102	A1	20020221	WO 2001US41699	A	20010814	200231	B
AU 200187181	A	20020225	AU 200187181	A	20010814	200245	

Priority Applications (No Type Date): US 2000639364 A 20000815
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 200215102	A1 E 105	G06F-017/60	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
    IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
    PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

| AU 200187181 | A | | G06F-017/60 | Based on patent WO 200215102 |

Abstract (Basic): WO 200215102 A1
        NOVELTY - A virtual web browser and a virtual web server are
    created on host device using electronically virtualized integrated
    media site software stored in a mass storage media. A **search   engine**
    is **created** for searching virtual server and generating requested HTML
    pages to the virtual browser.
        DETAILED **DESCRIPTION** - INDEPENDENT CLAIMS are also included for
    the following:
        (a) Article of manufacture for virtual streaming multimedia server
    creation;
        (b) Item ordering method;
        (c) **Profile** information provision;
        (d) Interactive media site updating method;
        (e) User's attention targeting method;
        (f) User's shopping and viewing **profile** provision method;
        (g) Advertising method
        USE - For creating virtual streaming multimedia server (VSMS) for
    e-commerce transaction and direct marketing.
        ADVANTAGE - Because the interactive media site is local to user's
    computer **system** , internet bottlenecks between merchant site and
    customer is removed. As the VSMS is created within the host device, all
    operations can be conducted within the host device and use of telephone
    modem and consequential tying up of telephone line for shopping is
    eliminated.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    virtual streaming multimedia server **system** .
        pp; 105 DwgNo 9/13
Title Terms: VIRTUAL; STREAM; SERVE; CREATION; METHOD; TRANSACTION;
  ELECTRONIC; INTEGRATE; MEDIUM; SITE; SOFTWARE; VIRTUAL; SERVE; VIRTUAL
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

014111829   **Image available**
WPI Acc No: 2001-596041/200167
XRPX Acc No: N01-444293
    Creating **real-time** search   engine **over Internet that provides a
search response containing data object** descriptions **and server**
    descriptions **of data objects**
Patent Assignee: NAPSTER INC (NAPS-N); FANNING J (FANN-I); FANNING S
    (FANN-I); KESSLER E (KESS-I)
Inventor: FANNING J; FANNING S; KESSLER E
Number of Countries: 091 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200144973	A2	20010621	WO 2000US33856	A	20001214	200167	B
AU 200120982	A	20010625	AU 200120982	A	20001214	200167	
US 6366907	B1	20020402	US 99464653	A	19991215	200226	
US 20020055920	A1	20020509	US 99464653	A	19991215	200235	
			US 200125443	A	20011219		
KR 2002062967	A	20020731	KR 2002707492	A	20020612	200308	

Priority Applications (No Type Date): US 99464653 A 19991215; US 200125443
    A 20011219
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200144973	A2	E	22	G06F-017/00	

    Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
    CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
    KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
    SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200120982	A			G06F-017/00	Based on patent WO 200144973
US 6366907	B1			G06F-017/30	
US 20020055920	A1			G06F-007/00	Cont of application US 99464653
KR 2002062967	A			G06F-017/30	

Abstract (Basic): WO 200144973 A2
        NOVELTY - The provider server connects to a real-time search engine
    through the Internet and provides the real-time search engine with data
    object **descriptions** of data objects residing on the provider server,
    and real time search indexing data object **descriptions** associated
    with the data object of the provider server. The data object
    descriptions provided by provider server are purged from the real-time
    search engine when the provider server is disconnected from the
    real-time search engine.
        DETAILED **DESCRIPTION** - The provider server automatically, in
    real-time, provides real-time search engine with data object
    descriptions of data objects that are added to the provider server.
    The provider automatically, in real-time, notifies the real-time search
    engine of data objects that are removed from the provider server.
        USE - For use over the Internet.
        ADVANTAGE - Provides method for creating a real-time search engine
    over the Internet that provides search response containing data object
    descriptions and server **descriptions** . Notifies real-time search
    engine.
        DESCRIPTION OF DRAWING(S) - Drawing shows overview diagram of
    preferred embodiment of the **system** of present invention.
        pp; 22 DwgNo 1/4
Title Terms: REAL; TIME; SEARCH; ENGINE; SEARCH; RESPOND; CONTAIN; DATA;
    OBJECT; DESCRIBE; SERVE; DESCRIBE; DATA; OBJECT
Derwent Class: T01
International Patent Class (Main): **G06F-007/00 ; G06F-017/00 ;
    G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

014105555   **Image available**
WPI Acc No: 2001-589769/200166
XRPX Acc No: N01-439321
   Collaborative linking system **for** networked **computer** systems , **maps**
   provider data to associated databases as a function of provider criteria
   and frame work
Patent Assignee: PLACELINKS INC (PLAC-N); BACHMAN J A (BACH-I); SOLE C J
   (SOLE-I)
Inventor: BACHMAN J A; SOLE C J
Number of Countries: 095 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200161540	A1	20010823	WO 2001US4877	A	20010216	200166	B
AU 200141504	A	20010827	AU 200141504	A	20010216	200176	
EP 1277130	A1	20030122	EP 2001912757	A	20010216	200308	
			WO 2001US4877	A	20010216		
US 20030050914	A1	20030313	WO 2001US4877	A	20010216	200321	
			US 2002204288	A	20020816		

Priority Applications (No Type Date): US 2000182749 P 20000216; US
   2002204288 A 20020816
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200161540 A1 E 96 G06F-017/00
   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
   KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
   RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200141504 A   G06F-017/00   Based on patent WO 200161540
EP 1277130 _ A1 E   G06F-017/00   Based on patent WO 200161540
   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR
US 20030050914 A1   G06F-007/00

Abstract (Basic): WO 200161540 A1
      NOVELTY - Servers and associated databases are arranged according
   to a predetermined frame work. Providers data are selectively mapped
   onto associated databases as a function of provider criteria and the
   framework. A computer accesses the server and database, and links
   consumers to the content servers based on search criteria. A program
   code links the consumer with provider data based on search criteria.
      USE - Collaborative linking **system** including several **work**
   stations , personal computers, cell phones, pagers, electronic personal
   organizers, web enabled television, other interactive electronic
   devices, for **networked** computer **systems** for electronic commerce
   application.
      ADVANTAGE - Most efficient **search** **engines** are **created** with
   collaborative linking **system** thus data access, data communications
   and querying required to satisfy the user's need, are minimized. The
   access of users to web services using the collaborative linking **system**
    becomes limitless.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   a collaborative linking **system** .
      pp; 96 DwgNo 10/24
Title Terms: LINK; **SYSTEM** ; COMPUTER; **SYSTEM** ; MAP; DATA; ASSOCIATE;
   FUNCTION; CRITERIA; FRAME; WORK
Derwent Class: T01
International Patent Class (Main): **G06F-007/00** ; **G06F-017/00**
File Segment: EPI

DIALOG(R)File 347:JAPIO

07410303   **Image available**
CODE GENERATING **SYSTEM** FOR DIGITAL LIBRARY

PUB. NO.:   2002-278812 [JP 2002278812 A]
PUBLISHED: September 27, 2002 (20020927)
INVENTOR(s):   KAUFFMAN STEVEN V
APPLICANT(s):   INTERNATL BUSINESS MACH CORP (IBM)
APPL. NO.:   2002-005938 [JP 20022005938]
FILED: January 15, 2002 (20020115)
PRIORITY: 01 774829 [US 2001774829], US (United States of America),
                January 26, 2001 (20010126)
INTL CLASS: **G06F-012/00**

ABSTRACT

PROBLEM TO BE SOLVED: To provide technology for preparing a custom database.

SOLUTION: A **system   description** on the structure of database is received. On the basis of the **system   description** , a structure to the custom database is generated. Further, in order to store data and to **designate** a position therefor on the custom database, on the basis of the **system   description** , a **search   engine** is **generated** .